

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: ANORES KASHNIKOV Examiner #: 60484 Date: 4/27/01
 Art Unit: 3700 Phone Number 308-1137 Serial Number: 09/699,398
 Mail Box and Bldg/Room Location: CP 2-240 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Liver - measuring medical valve fluid transfer method

Inventors (please provide full names): Lawrence G. Lepore

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

BEST AVAILABLE COPY

LIT SEARCH FOR 5,549,651

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>J. HERRIGAN</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>305 5434</u>	AA Sequence (#) _____	Dialog <input checked="" type="checkbox"/>
Searcher Location: <u>CP2-2058</u>	Structure (#) _____	Questel/Orbit <input checked="" type="checkbox"/>
Date Searcher Picked Up: <u>4/30</u>	Bibliographic _____	Dr. Link _____
Date Completed: <u>4/30</u>	Litigation <input checked="" type="checkbox"/>	Lexis/Nexis <input checked="" type="checkbox"/>
Searcher Prep & Review Time: <u>17</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>3</u>	Other _____	Other (specify) _____

April 30, 2001

TO: Andres Kashnikow, Tech Center 3700

FROM: Jeanne Horrigan, EIC-3700 

SUBJECT: Litigation Search Results for US Patent 5,549,651

Attached are the litigation search results for US Patent 5,549,651. The search was conducted in three databases: Inpadoc, Lexis/Nexis, and Questel. Here is a summary of the results.

- Patent family and legal status (from Inpadoc)
- Legal status, patent status, and reissue information (from Questel)
- Reissue information (from Lexis/Nexis)

There were no litigation alerts on the patent in Questel. There were no law cases, law journal articles, or current news articles on the patent in Lexis/Nexis.

I hope this information is useful. Please let me know if you have any questions or need more information.

Powered by  DIALOG**Basic Patent (Number,Kind,Date):** WO 9521639 A1 19950817**Patent Family:**

Patent Number	Kind	Date	Application Number	Kind	Date
AU 9517440	A1	19950829	AU 9517440	A	19950214
<u>EP 744972</u>	A1	19961204	EP 95909493	A	19950214
<u>EP 744972</u>	A4	19991201	EP 95909493	A	19950214
JP 10500030	T2	19980106	JP 95521283	A	19950214
<u>US 5474544</u>	A	19951212	US 345808	A	19941122
<u>US 5522804</u>	A	19960604	US 231430	A	19940422
<u>US 5549569</u>	A	19960827	US 413966	A	19950330
<u>US 5549651</u>	A	19960827	US 248646	A	19940525
<u>US 5643218</u>	A	19970701	US 697058	A	19960820
<u>US 5697915</u>	A	19971216	US 655754	A	19960530
<u>US 5743886</u>	A	19980428	US 697085	A	19960820
<u>US 5769825</u>	A	19980623	US 699979	A	19960820
WO 9521639	A1	19950817	WO 95US1511	A	19950214 (Basic)

Priority Data:

Patent Number	Kind	Date
US 196455	A	19940215
WO 95US1511	W	19950214
US 345808	A	19941122
US 248646	A2	19940525
US 231430	A	19940422
US 196455	A2	19940215
US 413966	A	19950330
US 196455	B3	19940215
US 248646	A	19940525
US 697058	A	19960820
US 413966	A3	19950330
US 655754	A	19960530
US 231430	A1	19940422
US 196455	B2	19940215
US 697085	A	19960820
US 413966	A1	19950330
US 699979	A	19960820
US 655754	A3	19960530

PATENT FAMILY:**Australia (AU)**

Patent (Number,Kind,Date): AU 9517440 A1 19950829

SEQUENTIAL MEDICAL FLUID ASPIRATION AND INJECTION SYSTEM AND METHOD
(English)

Patent Assignee: LAWRENCE A LYNN

Author (Inventor): LYNN LAWRENCE A; LARKIN MARK E

Priority (Number,Kind,Date): US 196455 A 19940215; WO 95US1511 W 19950214

Applic (Number,Kind,Date): AU 9517440 A 19950214

IPC: * A61M-005/00

Derwent WPI Acc No: * C 95-292952

Language of Document: English

European Patent Office (EP)

Patent (Number,Kind,Date): EP 744972 A1 19961204

SEQUENTIAL MEDICAL FLUID ASPIRATION AND INJECTION SYSTEM AND METHOD
(English; French; German)

Patent Assignee: LYNN LAWRENCE A (US)

Author (Inventor): LYNN LAWRENCE A (US); LARKIN MARK E (US)

Priority (Number,Kind,Date): WO 95US1511 W 19950214; US 196455 A 19940215

Applic (Number,Kind,Date): EP 95909493 A 19950214

Designated States: (National) DE; FR; GB

IPC: * A61M-005/00

Derwent WPI Acc No: * C 95-292952; C 96-276670

Language of Document: English

Patent (Number,Kind,Date): EP 744972 A4 19991201

SEQUENTIAL MEDICAL FLUID ASPIRATION AND INJECTION SYSTEM AND METHOD
(English; French; German)

Patent Assignee: LYNN LAWRENCE A (US)

Author (Inventor): LYNN LAWRENCE A (US); LARKIN MARK E (US)

Priority (Number,Kind,Date): WO 95US1511 W 19950214; US 196455 A 19940215

Applic (Number,Kind,Date): EP 95909493 A 19950214

Designated States: (National) DE; FR; GB

IPC: * A61M-005/00

Derwent WPI Acc No: * C 95-292952; C 96-276670; C 98-051333; C 98-376618

Language of Document: English

European Patent Office (EP) - Legal Status

Number	Type	Date	Code	Text	
EP 744972	P	19940215	EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
				US 196455 A 19940215	
EP 744972	P	19950214	EP AA	PCT-APPLICATION	(PCT-ANMELDUNG)
				WO 95US1511 W 19950214	
EP 744972	P	19950214	EP AE	EP-APPLICATION	(EUROPAEISCHE ANMELDUNG)
				EP 95909493 A 19950214	
EP 744972	P	19961204	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:	(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
				DE FR GB	
EP 744972	P	19961204	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT	(VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 744972	P	19961204	EP 17P	REQUEST FOR EXAMINATION FILED	(PRUEFUNGSANTRAG GESTELLT)
				960816	
EP 744972	P	19991201	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT:	(IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				DE FR GB	
EP	P	19991201	EP	SUPPLEMENTARY	(ERGAENZENDER

744972

A4 SEARCH REPORT
19970714

RECHERCHENBERICHT)

Japan (JP)

Patent (Number,Kind,Date): JP 10500030 T2 19980106
Priority (Number,Kind,Date): WO 95US1511 W 19950214; US 196455 A 19940215
Applic (Number,Kind,Date): JP 95521283 A 19950214
IPC: * A61M-039/00
Derwent WPI Acc No: * C 95-292952; C 96-276670; C 98-051333
Language of Document: Japanese

United States of America (US)

Patent (Number,Kind,Date): US 5474544 A 19951212
LUER-RECEIVING MEDICAL VALVE (English)
Patent Assignee: LYNN LAWRENCE A (US)
Author (Inventor): LYNN LAWRENCE A (US)
Priority (Number,Kind,Date): US 345808 A 19941122; US 248646 A2 19940525
Applic (Number,Kind,Date): US 345808 A 19941122
National Class: * 604283000; 604280000; 128912000; 251349000
IPC: * A61M-025/00
Derwent WPI Acc No: * C 98-051333; G 96-039405; G 96-401466; G 96-039405
Language of Document: English

Patent (Number,Kind,Date): US 5522304 A 19960604
ASPIRATION, MIXING, AND INJECTION SYRINGE (English)
Patent Assignee: LYNN LAWRENCE A (US)
Author (Inventor): LYNN LAWRENCE A (US)
Priority (Number,Kind,Date): US 231430 A 19940422; US 196455 A2 19940215
Applic (Number,Kind,Date): US 231430 A 19940422
National Class: * 604191000; 604187000; 604218000
IPC: * A61M-005/00
Derwent WPI Acc No: * C 95-292952; C 96-276670; C 98-051333; C 98-376618; C 96-276670
Language of Document: English

Patent (Number,Kind,Date): US 5549569 A 19960827
EX VIVO BLOOD ISOLATION SYSTEM (English)
Patent Assignee: LYNN LAWRENCE A (US)
Author (Inventor): LYNN LAWRENCE A (US); LARKIN MARK E (US)
Priority (Number,Kind,Date): US 413966 A 19950330; US 196455 B3 19940215
Applic (Number,Kind,Date): US 413966 A 19950330
National Class: * 604191000; 604089000; 604207000; 604030000; 128762000; 128760000
IPC: * A61M-005/00
Derwent WPI Acc No: * C 95-292952; C 96-276670; C 98-051333; C 98-376618
Language of Document: English

Patent (Number,Kind,Date): US 5549651 A 19960827
LUER-RECEIVING MEDICAL VALVE AND FLUID TRANSFER METHOD (English)
Patent Assignee: LYNN LAWRENCE A (US)
Author (Inventor): LYNN LAWRENCE A (US)
Priority (Number,Kind,Date): US 248646 A 19940525
Applic (Number,Kind,Date): US 248646 A 19940525
National Class: * 604283000; 604033000; 604169000; 251334000

IPC: * A61M-025/00
Derwent WPI Acc No: * C 98-051333; G 96-039405; G 96-401466; G 96-401466
Language of Document: English
Patent (Number,Kind,Date): US 5643218 A 19970701
AUTO-FLUSHING MEDICAL FLUID INJECTION SYSTEM (English)
Patent Assignee: LYNN LAWRENCE A (US)
Author (Inventor): LYNN LAWRENCE A (US); LARKIN MARK E (US)
Priority (Number,Kind,Date): US 697058 A 19960820; US 413966 A3 19950330; US 196455 B3 19940215
Applic (Number,Kind,Date): US 697058 A 19960820
Addnl Info: 5549569 Patented
National Class: * 604191000; 604089000; 604207000; 128762000; 128760000
IPC: * A61M-005/00
Derwent WPI Acc No: * C 95-292952; C 96-276670; C 98-051333; C 98-376618
Language of Document: English
Patent (Number,Kind,Date): US 5697915 A 19971216
DISPLACEMENT-ACTIVATED MEDICAL CHECK VALVE (English)
Patent Assignee: LYNN LAWRENCE A (US)
Author (Inventor): LYNN LAWRENCE A (US)
Priority (Number,Kind,Date): US 655754 A 19960530; US 231430 A1 19940422; US 248646 A2 19940525; US 196455 B2 19940215
Applic (Number,Kind,Date): US 655754 A 19960530
Addnl Info: 5522804 Patented; 5549651 Patented
National Class: * 604191000; 604232000; 604089000; 604212000
IPC: * A61M-005/00
Derwent WPI Acc No: * C 95-292952; C 96-276670; C 98-051333; C 98-376618; G 96-039405; G 96-401466; C 98-051333
Language of Document: English
Patent (Number,Kind,Date): US 5743886 A 19980428
SEQUENTIAL MEDICAL FLUID ASPIRATION AND INJECTION SYSTEM AND METHOD (English)
Patent Assignee: LYNN LAWRENCE A (US)
Author (Inventor): LYNN LAWRENCE A (US); LARKIN MARK E (US)
Priority (Number,Kind,Date): US 697085 A 19960820; US 413966 A1 19950330; US 196455 B3 19940215
Applic (Number,Kind,Date): US 697085 A 19960820
Addnl Info: 5549569 Patented
National Class: * 604191000; 604089000; 604207000; 604030000; 128762000; 128760000
IPC: * A61M-005/00
Derwent WPI Acc No: * C 95-292952; C 96-276670; C 98-051333; C 98-376618
Language of Document: English
Patent (Number,Kind,Date): US 5769825 A 19980623
SELF-CONTAINED SYRINGE AND PHARMACEUTICAL PACKAGING SYSTEM FOR ENCLOSED MIXING OF PHARMACEUTICAL AND DILUENT (English)
Patent Assignee: LYNN LAWRENCE A (US)
Author (Inventor): LYNN LAWRENCE A (US)
Priority (Number,Kind,Date): US 699979 A 19960820; US 655754 A3 19960530; US 231430 A1 19940422; US 196455 B2 19940215
Applic (Number,Kind,Date): US 699979 A 19960820
Addnl Info: 5697915 Patented; 5522804 Patented

National Class: * 604191000; 604199000; 604232000; 604089000; 604212000

IPC: * A61M-005/00

Derwent WPI Acc No: * C 95-292952; C 96-276670; C 98-051333; C 98-376618; C 98-376618

Language of Document: English

United States of America (US) - Legal Status

Number	Type	Date	Code	Text	
US 5474544	P	19940525	US AA	PRIORITY	
				US 248646 A2 19940525	
US5474544	P	19941122	US AE	APPLICATION DATA (PATENT)	(APPL. DATA (PATENT))
				US 345808 A 19941122	
US 5474544	P	19951212	US A	PATENT	
US 5474544	P	20000314	US RF	REISSUE APPLICATION FILED	(REISSUE APPL. FILED)
				20000111	
US 5522804	P	19940215	US AA	PRIORITY	
				US 196455 A2 19940215	
US 5522804	P	19940422	US AE	APPLICATION DATA (PATENT)	(APPL. DATA (PATENT))
				US 231430 A 19940422	
US 5522804	P	19960604	US A	PATENT	
US 5549569	P	19940215	US AA	PRIORITY	
				US196455 B3 19940215	
US 5549569	P	19950330	US AE	APPLICATION DATA (PATENT)	(APPL. DATA (PATENT))
				US 413966 A 19950330	
US 5549569	P	19960827	US A	PATENT	
US 5549569	P	19970422	US CC	CERTIFICATE OF CORRECTION	
US 5549651	P	19940525	US AE	APPLICATION DATA (PATENT)	(APPL. DATA (PATENT))
				US 248646 A 19940525	
US 5549651	P	19960827	US A	PATENT	
US 5549651	P	20010102	US RF	REISSUE APPLICATION FILED	(REISSUE APPL. FILED)
				20001031	
US 5643218	P	19940215	US AA	PRIORITY	
				US 196455 B3 19940215	
US 5643218	P	19950330	US AA	PRIORITY	

			US 413966 A3 19950330	
US 5643218	P	19960820	US AE APPLICATION DATA (PATENT)	(APPL. DATA (PATENT))
			US 697058 A 19960820	
US 5643218	P	19970701	US A PATENT	
US 5697915	P	19940215	US AA PRIORITY	
			US 196455 B2 19940215	
US 5697915	P	19940422	US AA PRIORITY	
			US 231430 A1 19940422	
US 5697915	P	19940525	US AA PRIORITY	
			US 248646 A2 19940525	
US 5697915	P	19960530	US AE APPLICATION DATA (PATENT)	(APPL. DATA (PATENT))
			US 655754 A 19960530	
US 5697915	P	19971216	US A PATENT	
US 5743886	P	19940215	US AA PRIORITY	
			US 196455 B3 19940215	
US 5743886	P	19950330	US AA PRIORITY	
			US 413966 A1 19950330	
US 5743886	P	19960820	US AE APPLICATION DATA (PATENT)	(APPL. DATA (PATENT))
			US 697085 A 19960820	
US 5743886	P	19980428	US A PATENT	
US 5769825	P	19940215	US AA PRIORITY	
			US 196455 B2 19940215	
US 5769825	P	19940422	US AA PRIORITY	
			US231430 A1 19940422	
US 5769825	P	19960530	US AA PRIORITY	
			US 655754 A3 19960530	
US 5769825	P	19960820	US AE APPLICATION DATA (PATENT)	(APPL. DATA (PATENT))
			US 699979 A 19960820	
US 5769825	P	19980623	US A PATENT	

World Intellectual Property Organization, PCT (WO)

Patent (Number,Kind,Date): WO 9521639 A1 19950817

SEQUENTIAL MEDICAL FLUID ASPIRATION AND INJECTION SYSTEM AND METHOD
(English)

Patent Assignee: LYNN LAWRENCE A (US)

Author (Inventor): LYNN LAWRENCE A (US); LARKIN MARK E

Priority (Number,Kind,Date): US 196455 A 19940215

Applic (Number,Kind,Date): WO 95US1511 A 19950214

Designated States: (National) AM; AT; AU; BB; BG; BR; BY; CA; CH; CN; CZ; DE; DK; EE; ES; FI; GB; GE; HU; JP; KE; KG; KP; KR; KZ; LK; LR; LT; LU; LV; MD; MG; MN; MW; MX; NL; NO; NZ; PL; PT; RO; RU; SD; SE; SI; SK; TJ; TT; UA; UZ; VN (Regional) KE; MW; SD; SZ; UG; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; ML; MR; NE; SN; TD; TG

Filing Details: WO 100000 With international search report

IPC: * A61M-005/00

Derwent WPI Acc No: * C 95-292952; C 96-276670; C 98-051333; C 98-376618; C 95-292952

Language of Document: English

World Intellectual Property Organization, PCT (WO) - Legal Status

Number	Type	Date	Code	Text
WO 9521639	P	19940215	WO AA	PRIORITY (PATENT) US 196455 A 19940215
WO 9521639	P	19950214	WO AE	APPLICATION DATA (APPL. DATA) WO 95US1511 A 19950214
WO 9521639	P	19950817	WO AK	DESIGNATED STATES (DESIGNATED STATES CITED IN A PUBLISHED CITED IN A PUBLISHED APPLICATION WITH APPL. WITH SEARCH SEARCH REPORT REPORT) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN
WO 9521639	P	19950817	WO AL	DESIGNATED (DESIGNATED COUNTRIES FOR COUNTRIES FOR REGIONAL PATENTS REGIONAL PATENTS CITED IN A PUBLISHED CITED IN A PUBLISHED APPLICATION WITH APPL. WITH SEARCH SEARCH REPORT REPORT) KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
WO 9521639	P	19950817	WO A1	PUBLICATION OF THE (PUB. OF THE INTERNATIONAL INTERNATIONAL APPL. APPLICATION WITH WITH THE

WO 9521639	P	19951025 WO 121	THE INTERNATIONAL SEARCH REPORT EP: PCT APP. ART. 158 (1)	INTERNATIONAL SEARCH REPORT) (EP: PCTANM. ART. 158 (1))
WO 9521639	P	19951026 WO DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE	
WO 9521639	P	19961212 DE 8642/REG	WITHDRAWAL	(ZURUECKNAHME)
WO 9521639	P	19961215 WO NENP	NON-ENTRY INTO THE NATIONAL PHASE IN: CA	

INPADOC/Family and Legal Status

© 2001 European Patent Office. All rights reserved.

Dialog® File Number 345 Accession Number 12762255

Questel Search Results for US Patent 5,549,651
April 30, 2001

Cluster : LEGAL
Databases : LGST, CRXX, PAST, LITA

Search statement 1: us5549651/pn

Term not in index/PN-LITA : US5549651

LGST	1
CRXX	1
PAST	1
LITA	0
** SS 1 : Results	3

1/3 LGST (1/1) - (C) LEGSTAT

PN - US 5549651 [US5549651]
AP - US 248646/94 19940525 [1994US-0248646]
DT - US-P
ACT - 19940525 US/AE-A
APPLICATION DATA (PATENT)
{US 248646/94 19940525 [1994US-0248646]}
- 19960827 US/A
PATENT
- 20010102 US/RF
REISSUE APPLICATION FILED
20001031
UP - 2001-02

2/3 CRXX (1/1) - (C) CLAIMS/RRX

AN - 2754716
PN - 5,549,651 A 19960827 [US5549651]
PA - Lynn, Lawrence A
PT - M (Mechanical)
ACT - 20001031 REISSUE REQUESTED
Issue Date of O.G.: 20010102
Reissue Request Number: 09/699398
Examination Group responsible for Reissue process: 3734

UP - 2001-01
UACT- 2001-01-02

3/3 PAST (1/1) - (C) PAST

AN - 200101-001071
PN - 5549651 A [US5549651]
DT - A (UTILITY)
OG - 2001-01-02
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

Lexis Nexis Search Results for US Patent 5,549,651
April 30, 2001

LEVEL 1 - 1 OF 1 PATENT

<5,549,651>

<=> GET 1st DRAWING SHEET OF 5

Aug. 27, 1996

Luer-receiving medical valve and fluid transfer method

REISSUE: Reissue Application Filed Oct. 31, 2000 (O.G. Jan. 2, 2001) Ex. Gp.:
3734; Re. S.N. 09/699,398

CORE TERMS: septum, piston, bore, distal, luer, proximal, valve, fluid,
longitudinal, taper...
>>>

5,549,651 OR 5549651

Your search request has found no CASES.

Your search request has found no ITEMS.

Your search request has found no STORIES.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☒ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☒ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.